

Claims

Rule
1.126

- 5 1 ~~45~~. A slotted peep for viewing an object, comprising:
 A member having at least four slots formed therein;
 each of said slots having a pair of generally parallel sides extending a length between an
 open end and a closed end;
 each of said slots intersecting angularly spaced adjacent ones of said slots at said open ends
 thereof such that the open ends intersect to form corners and said intersection defines a central
 10 aperture;
 the closed ends of said slots being curved; and, the slots having the width thereof selected
 such that diffraction of light is confined to said slots and said central aperture is substantially free
 from light diffraction.
- 15 2 ~~46~~. The slotted peep of claim ~~45~~¹, wherein
 each of said sides includes an edge and wherein the edges of said generally parallel sides
 and said closed end define a border of said slots; said member having a thickness adjacent to said
 border which is less than a thickness of said member away from said border.
- 20 3 ~~47~~². The slotted peep of claim ~~46~~¹, wherein:
 said border defines a knife edge.
- 4 ~~48~~¹. The slotted peep of claim ~~45~~¹, wherein:
 said slots are generally equi-angularly spaced.
- 25 5 ~~49~~¹. The slotted peep of claim ~~45~~¹, wherein:
 the slots having the length at least twice the width thereof.

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